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ABSTRACT

Improvements are made to a novel media that replace the requirement for all protein growth factors by the addition to the medium of physiological concentrations of retinyl acetate.

The media are serum-free, companion cell or feeder layer-free and organotypic, matrix free solutions for the cultivation of clonally competent basal keratinocytes. The media and methods are useful in the production of epidermal epithelial tissue that is suitable for skin grafting.